**** CONFIDENTIAL ****

***** PREDECISIONAL DOCUMENT *****

SUMMARY SCORESHEET FOR COMPUTING PROJECTED HRS SCORE

SITE NAME: General Electric Company

CITY: Los Angeles COUNTY: Los Angeles

EPA ID #: CAD980816144 EVALUATOR: Hollis E. Phillips

JOB #: 41-62310.28 SCORE DATE: October 18, 1993

LATITUDE: 33 ° 58' 37" North LONGITUDE: 118° 15' 45" West T/R/S 2S / 13W / 20

THIS SCORESHEET IS FOR A: ☐ PA ☒ SI ☐ ESI ☐ Other (Specify) _____

RCRA STATUS (check all that apply):
☐ Generator
☐ Small Quantity Generator
☐ Transporter
☐ TSDF
☒ Not listed in RCRA Database as of (date of print out) 6/15/93

STATE SUPERFUND STATUS

☐ BEP (date) _____ ☐ WQARF (date) _____

☒ No State Superfund Status (date) 10/16/93

	S pathway	S^2 pathway
Groundwater Migration Pathway Score (S_{gw})	3.6	12.96
Surface Water Migration Pathway Score (S_{sw})	*	*
Soil Exposure Pathway Score (S_s)	*	*
Air Migration Pathway Score (S_a)	*	*
$S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2$		12.96
$(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4$		3.24
$\sqrt{(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4}$		1.8

Pathways not assigned a score (explain):

* Pathways evaluated qualitatively not quantitatively

GROUNDWATER MIGRATION PATHWAY SCORESHEET

Factor Categories and Factors

Likelihood of Release	Maximum Value	Projected Score	Rationale	Data Qual.
1. Observed Release	550	0	GW-1	
2. Potential to Release				
2a. Containment	10	10	GW-2	H
2b. Net Precipitation	10	1	GW-3	H
2c. Depth to Aquifer	5	3	GW-4	H
2d. Travel Time	35	15	GW-5	H
2e. Potential to Release [lines 2a x (2b+2c+2d)]	500	190		
3. Likelihood of Release (higher of lines 1 or 2e)	550	190		
Waste Characteristics				
4. Toxicity/Mobility	a	1	GW-6	H
5. Hazardous Waste Quantity	a	10	GW-7	H
6. Waste Characteristics (lines 4x5, then use table 2-7)	100	2	GW-8	H
Targets				
7. Nearest Well	50	9	GW-9	H
8. Population [d]				
8a. Level I Concentrations	b	0	GW-10	H
8b. Level II Concentrations	b	0		
8c. Potential Contamination	b	776	GW-11	H
8d. Population (lines 8a+8b+8c)	b	785		
9. Resources	5	0	GW-12	H
10. Wellhead Protection Area	20	0	GW-13	H
11. Targets (lines 7+8d+9+10)	b	785		
Likelihood of Release				
12. Aquifer Score [(lines 3 x 6 x 11)/82,500] [c]	100	3.6		

Groundwater Migration Pathway Score

13. Pathway Score (Sgw), (highest value from line 12 for all aquifers evaluated)	100	3.6 [c]	

Aquifer Evaluated Gaspur Aquifer

a Maximum value applies to waste characteristics category.
b Maximum value not applicable.
c Do not round to nearest integer.
d Use additional tables.

GROUNDWATER PATHWAY CALCULATIONS

8. Population

Actual Contamination

Well Identifier	Contaminant Detected	Concentration (note units)	Benchmark	(A) Apportioned Population Well Serves	(B) Level* Multip.	(A x B)

Sum (AxB) Level I _____

Sum (AxB) Level II _____

* Multipliers
- Level I = 10
- Level II = 1

Potential Contamination

Distance (Miles)	Total Number of Wells Within Distance Ring	Total Population Served by Wells Within Distance Ring	Distance-Weighted Population Values "Other Than Karst" (Table 3-12)** (A)
0 - 1/4	0	0	0
> 1/4 to 1/2	0	0	0
> 1/2 to 1	3	2,373	523
> 1 to 2	5	3,950	939
>2 to 3	4	16,102	2122
>3 to 4	14	70,024	4171
		Sum (A)	7,755

Potential contamination = $\frac{\text{Sum (A)}}{10}$ = 775

** For drinking water wells that draw from a karst aquifer, see the Distance-Weighted Population Values for "Karst" in Table 3-12.

Aquifer Evaluated Gaspur Aquifer

HRS Rationale
General Electric Company
CAD980816144

Groundwater Pathway

GW-1: An observed release to groundwater can not be documented at this time because samples of the groundwater have not been collected. An observed release is when the chemical analysis of an environmental sample from a site is found to be three or more times above background concentration, and some portion of the release is attributable to the site 0.

GW-2: Polychlorinated biphenyl (PCB) contaminated soil has no liner or containment system to prevent migration of contaminated soil off-site or to other (non-contaminated) areas on site 10.

GW-3: Net precipitation at the Los Angeles WSO, which is near the General Electric site, is 2.77 inches. The net precipitation factor value for the site is 1.

GW-4: It is estimated that the depth to groundwater in the vicinity of the GE site is 180 feet below ground surface 3.

GW-5: The subsurface lithology of the site indicates sandy silt is present from 5 to 100 feet below ground surface 15.

GW-6: The contaminants detected in soil are PCBs. PCBs have a toxicity of 10,000 and liquid mobility of 1.0×10^{-4}, which equates to a factor value of 1.

GW-7: The area of contamination is defined as the entire site due to documented contamination in soil, building walls, and concrete inside and outside of the buildings. The approximate dimensions of the site are 250-feet in length and 450-feet in width. The total square footage of the site is estimated to be 112,500 square feet. Using Tier D A/34,000 = 112,500/34,000 = 3.3. According to Table 2-6, this number corresponds to a factor of 1, which is defaulted to 10.

GW-8: Table 2-7 HRS. 2

GW-9: The nearest well is located 0.5 to 1 mile from the site.

GW-10: There are no Level 1 or Level 2 concentrations for this site because there is no documented release to groundwater.

GW-11: A summary of purveyor information is as follows:

Purveyor	Well Distance From The Site (Miles)	Number of Wells Within Distance Ring	Total Population Served
CAWC	>3.0 - 4.0	2	11,200
City of South Gate	>3.0 - 4.0	3	18,213
City of Vernon	>2.0 - 3.0	2	10,222
	>3.0 - 4.0	5	25,555
LADWP	>3.0 - 4.0	4	15,056
SCWC	>0.5 - 1	3	2,373
	>1.0 - 2.0	5	3,955
WPMWC	>2.0 - 3.0	2	5,880

CAWC - California American Water Company
LADWP - Los Angeles Department of Water and Power
SCWC - Southern California Water Department
WPMWC - Walnut Park Municipal Water Company

CAWC, city of South Gate, and city of Vernon all utilize groundwater for 100 percent of their water supplies. LADWP has 13 groundwater supply wells located in the Central Basin and nine surface water intakes. SCWC has eight groundwater supply wells and three surface water intakes. WPMWD has four groundwater supply wells and one surface water intake.

GW-12: Groundwater is not used for harvesting commercial food crops or watering livestock.

GW-13: This site is not located in a well head protection area.

Surface Water Migration Pathway

The surface water migration pathway was evaluated qualitatively, not quantitatively because there is no surface water within a 2-mile radius of the site.

Soil Exposure Pathway

The soil exposure pathway was evaluated qualitatively not quantitatively because the entire facility is paved.

Air Migration Pathway

The air migration pathway was evaluated qualitatively not quantitatively because the entire site is paved.